



Facing the future for refuse collection

Andy Mudd: Head of APSE Solutions



Is this an actual perfect storm?

- Uncertain legislative environment
- Policy conflict
- Doubts over capital requirements to meet medium and long-term demand
- Workforce issues
- A new wave of austerity?



The legislative environment



- Are we having a DRS or not?
 - And if we are what will it look like?
- Do we have to have source segregation?
 - And if so of what does that look like?
- And what about net zero?
 - Do we have to invest in EV vehicles?



DRS Issues

- How long does it take?
 - Announced by UK Government back in 2018
 - Earliest for England and Northern Ireland now Oct 2025
 - Delayed in Scotland to align with rest of UK due to internal market VAT issue!
- Glass in Scotland and Wales but not in England and Northern Ireland

absolutely vital we act now to tackle this threat and curb the millions of plastic bottles a day that go unrecycled



How many bins/collection should we plan for?



Which of our seven bins is going out tonight?

I thought I'd scrapped that

This is what the law says



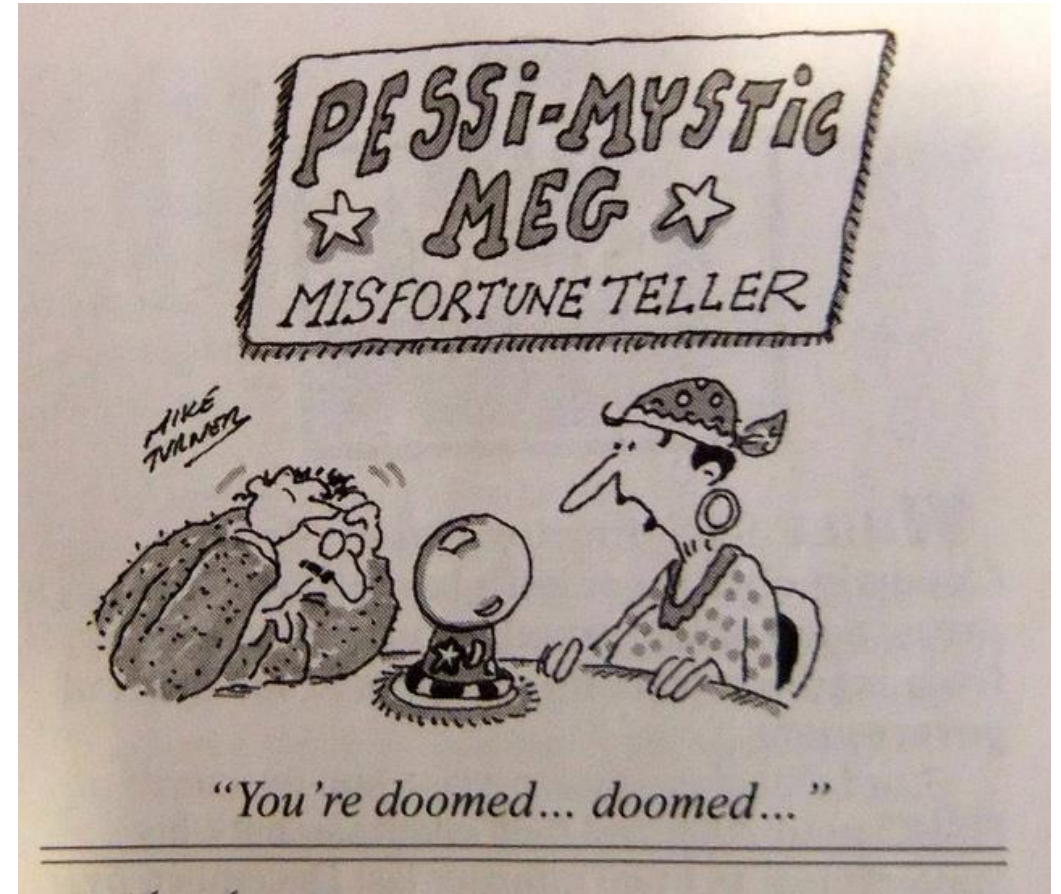
- S57 (EA 2021) changes on collecting recyclable waste
 - 7 separate collections, including residual, unless....
 - (a) it is not technically or economically practicable to collect recyclable household waste in those recyclable waste streams separately, or
 - (b) collecting recyclable household waste in those recyclable waste streams separately has no significant environmental benefit (having regard to the overall environmental impact of collecting it separately and of collecting it together)
- Either way though must separate dry recyclables from food waste and garden waste and food waste has to be collected weekly

So that's all clear then...



- Subject to statutory guidance not yet produced
- And regulations not yet laid down
- So, when, what and how not yet addressed

- Planning for future collection
 - Number of bins, number of vehicles, quantity of material.....
- Planning for future waste treatment
 - MRF or no MRF
 - Feedstock guarantees for PPP waste plants
 - Carbon capture requirements
 - Uncertainty for investors



Other significant legislative change



- EPR
 - Incentivising packaging waste reduction
 - Incentivising recycling of packaging waste reduction
 - Making producers pay for disposal/treatment?
- Food waste recycling requirements for commercial businesses
 - Extension of domestic waste rules
 - Separate collection of food waste



Net zero issues

- Government seems uncertain about some things but still committed to
 - Legal requirement to reach net zero by 2050
 - 68% reduction by 2030
 - 77% reduction by 2035
- Most councils have even more ambitious targets
 - Can they be achieved if we don't move to EV now?
 - What other options are there?



So, what should we do?

- Read the runes
 - We are still committed to net zero
- Direction of travel
 - Zero emissions
 - Improving quality and proportion of recycling
- Evidence based decisions
 - What are the facts about Low Emission vehicles
 - Don't be a rabbit in the headlights

But what about the money?



- Is austerity two coming?
 - Short answer – it's not looking good!
- Won't that stop us from investing and innovating?
 - Short answer – not if we do it right
- Could we bring more money in to help?
 - Sort answer – yes



Making the case



- The vehicle issue
 - Understanding the infrastructure requirements
 - Local circumstances
 - Revisiting key assumptions
- Is individual household collection compatible with emerging policy imperatives?
 - Communal collection may be a better approach



Increasing income generation



- It's in the business case
 - Market advantages, financial return on investment
- Invest in commercial acumen
 - People buy from those who actively sell
 - what they need
- See and exploit the opportunities
 - Changes in regulations
 - Air B and Bs
 - Town centre improvement
 - Leading the way in ULEV servicing and maintenance
 - Third Party income – e.g. mobile digital display technology

Why wouldn't you?





Contact details

Andy Mudd, Head of APSE Solutions

Email: amudd@apse.org.uk



GB 11409



GB 11132



GB 14074

www.apse.org.uk